Toru Suzuki

List of Publications by Year in descending order

96 papers	5,543 citations	81900 39 h-index	82547 72 g-index
99 all docs	99 docs citations	99 times ranked	7136 citing authors

#	Article	IF	Citations
1	Regulation of CCR4-NOT complex deadenylase activity and cellular responses by MK2-dependent phosphorylation of CNOT2. RNA Biology, 2022, 19, 234-246.	3.1	0
2	Genomic imprinting in mouse blastocysts is predominantly associated with H3K27me3. Nature Communications, 2021, 12, 3804.	12.8	30
3	Insufficient liver maturation affects murine early postnatal hair cycle. Biochemical and Biophysical Research Communications, 2020, 521, 172-177.	2.1	0
4	The CCR4â€“NOT deadenylase complex safeguards thymic positive selection by down-regulating aberrant pro-apoptotic gene expression. Nature Communications, 2020, 11, 6169.	12.8	11
5	Regulation of Fetal Genes by Transitions among RNA-Binding Proteins during Liver Development. International Journal of Molecular Sciences, 2020, 21, 9319.	4.1	3
6	Loss of Î²-cell identity and diabetic phenotype in mice caused by disruption of CNOT3-dependent mRNA deadenylation. Communications Biology, 2020, 3, 476.	4.4	13
7	Tracking intracellular forces and mechanical property changes in mouse one-cell embryo development. Nature Materials, 2020, 19, 1114-1123.	27.5	16
8	The CCR4â€“NOT complex maintains liver homeostasis through mRNA deadenylation. Life Science Alliance, 2020, 3, e201900494.	2.8	17
9	Caput Epididymidal Mouse Sperm Support Full Development. Developmental Cell, 2019, 50, 5-6.	7.0	35
10	The CCR4â€“NOT Deadenylase Complex Maintains Adipocyte Identity. International Journal of Molecular Sciences, 2019, 20, 5274.	4.1	11
11	Postnatal liver functional maturation requires Cnot complex-mediated decay of mRNAs encoding cell cycle and immature liver genes. Development (Cambridge), 2019, 146, .	2.5	18
12	Aortic dissectionâ€”a contemporary revisit of an autopsy series. American Heart Journal, 2019, 209, 106-107.	2.7	0
13	Aorta dimensions: It is not a single player game. International Journal of Cardiology, 2019, 276, 236-237.	1.7	1
14	Association with outcomes and response to treatment of trimethylamine Nâ€oxide in heart failure: results from BIOSTATâ€CHF. European Journal of Heart Failure, 2019, 21, 877-886.	7.1	68
15	Aortic stiffness in aortic stenosis assessed by cardiovascular MRI: a comparison between bicuspid and tricuspid valves. European Radiology, 2019, 29, 2340-2349.	4.5	13
16	Non-targeted metabolomics in sport and exercise science. Journal of Sports Sciences, 2019, 37, 959-967.	2.0	65
17	B-type natriuretic peptide molecular forms for risk stratification and prediction of outcome after acute myocardial infarction. American Heart Journal, 2018, 200, 37-43.	2.7	6
18	Biomarker-Assisted Diagnosis of Acute Aortic Dissection. Circulation, 2018, 137, 270-272.	1.6	19

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19	Presenting Systolic Blood Pressure andÂOutcomes in Patients With AcuteÂAortic Dissection. Journal of the American College of Cardiology, 2018, 71, 1432-1440.	2.8	48
20	Proteomic Biomarkers of Heart Failure. Heart Failure Clinics, 2018, 14, 93-107.	2.1	17
21	Biomarkers of Heart Failure: Past, Present, and Future. Heart Failure Clinics, 2018, 14, ix-x.	2.1	3
22	Brachial artery diameter as a marker for cardiovascular risk assessment: FMD-J study. Atherosclerosis, 2018, 268, 92-98.	0.8	26
23	Longitudinal association among endothelial function, arterial stiffness and subclinical organ damage in hypertension. International Journal of Cardiology, 2018, 253, 161-166.	1.7	51
24	Association of subclinical carotid atherosclerosis with immediate memory and other cognitive functions. Geriatrics and Gerontology International, 2018, 18, 65-71.	1.5	9
25	Atypical presentation of acute aortic dissection in a young competitive rower. BMJ Case Reports, 2018, 2018, bcr-2018-225712.	0.5	3
26	Characterisation and use of a functional Gadd45g bacterial artificial chromosome. Scientific Reports, 2018, 8, 17318.	3.3	2
27	Growth Hormone Therapy in Heart Failure. Heart Failure Clinics, 2018, 14, 501-515.	2.1	20
28	Switchable genome editing via genetic code expansion. Scientific Reports, 2018, 8, 10051.	3.3	11
29	Comparison of Outcomes in DeBakey Type AI Versus AII Aortic Dissection. American Journal of Cardiology, 2018, 122, 689-695.	1.6	16
30	Biomarkers in Pulmonary Hypertension. Heart Failure Clinics, 2018, 14, 393-402.	2.1	20
31	Endothelial Dysfunction, Increased Arterial Stiffness, and Cardiovascular Risk Prediction in Patients With Coronary Artery Disease: FMDâ€J (Flowâ€Mediated Dilation Japan) Study A. Journal of the American Heart Association, 2018, 7, .	3.7	84
32	Cross-sectional and longitudinal associations between serum uric acid and endothelial function in subjects with treated hypertension. International Journal of Cardiology, 2018, 272, 308-313.	1.7	23
33	Inhibition of KLF5â€“Myo9bâ€“RhoA Pathwayâ€“Mediated Podosome Formation in Macrophages Ameliorates Abdominal Aortic Aneurysm. Circulation Research, 2017, 120, 799-815.	4.5	37
34	Prognostic Role of Molecular Forms of B-Type Natriuretic Peptide in Acute Heart Failure. Clinical Chemistry, 2017, 63, 880-886.	3.2	16
35	In Reply. Clinical Chemistry, 2017, 63, 1046-1047.	3.2	0
36	Trimethylamine N-oxide and Risk Stratification after Acute Myocardial Infarction. Clinical Chemistry, 2017, 63, 420-428.	3.2	120

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37	Endothelial Function Is Impaired in Patients Receiving Antihypertensive Drug Treatment Regardless of Blood Pressure Level. Hypertension, 2017, 70, 790-797.	2.7	27
38	A Novel Regulatory Mechanism of Smooth Muscle Î±-Actin Expression by NRG-1/circACTA2/miR-548f-5p Axis. Circulation Research, 2017, 121, 628-635.	4.5	118
39	Association Between Waist-to-Height Ratio and Endothelial Dysfunction in Patients With Morbidityã€€â€• A Report From the FMD-J Study â€•. Circulation Journal, 2017, 81, 1911-1918.	1.6	4
40	Role of â€œosteogenicâ€•cardiac fibroblasts in pathological heart calcification. Stem Cell Investigation, 2017, 4, 26-26.	3.0	1
41	DNA methylation dynamics in mouse preimplantation embryos revealed by mass spectrometry. Scientific Reports, 2016, 6, 19134.	3.3	38
42	Shock complicating type A acute aortic dissection: Clinical correlates, management, and outcomes. American Heart Journal, 2016, 176, 93-99.	2.7	25
43	Editorâ€™s Choice-Biomarkers of acute cardiovascular and pulmonary diseases. European Heart Journal: Acute Cardiovascular Care, 2016, 5, 416-433.	1.0	39
44	Ataxia telangiectasia mutated in cardiac fibroblasts regulates doxorubicin-induced cardiotoxicity. Cardiovascular Research, 2016, 110, 85-95.	3.8	48
45	Plasma growth hormone is a strong predictor of risk at 1 year in acute heart failure. European Journal of Heart Failure, 2016, 18, 281-289.	7.1	12
46	Mice produced by mitotic reprogramming of sperm injected into haploid parthenogenotes. Nature Communications, 2016, 7, 12676.	12.8	23
47	Aortic dissection. Nature Reviews Disease Primers, 2016, 2, 16053.	30.5	256
48	High mass accuracy assay for trimethylamine N-oxide using stable-isotope dilution with liquid chromatography coupled to orthogonal acceleration time of flight mass spectrometry with multiple reaction monitoring. Analytical and Bioanalytical Chemistry, 2016, 408, 797-804.	3.7	33
49	TrimethylamineN-oxide and prognosis in acute heart failure. Heart, 2016, 102, 841-848.	2.9	195
50	Transcription factor KLF6 upregulates expression of metalloprotease MMP14 and subsequent release of soluble endoglin during vascular injury. Angiogenesis, 2016, 19, 155-171.	7.2	52
51	Granulocyte macrophage colony-stimulating factor is required for aortic dissection/intramural haematoma. Nature Communications, 2015, 6, 6994.	12.8	86
52	Reliability of measurement of endothelial function across multiple institutions and establishment of reference values in Japanese. Atherosclerosis, 2015, 242, 433-442.	0.8	59
53	Modulation of cardiac fibrosis by KrÃ¼ppel-like factor 6 through transcriptional control of thrombospondin 4 in cardiomyocytes. Cardiovascular Research, 2015, 107, 420-430.	3.8	37
54	Presentation, Diagnosis, andÂOutcomes ofÂAcute Aortic Dissection. Journal of the American College of Cardiology, 2015, 66, 350-358.	2.8	799

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55	miR-200c-SUMOylated KLF4 feedback loop acts as a switch in transcriptional programs that control VSMC proliferation. Journal of Molecular and Cellular Cardiology, 2015, 82, 201-212.	1.9	25
56	Pulse Pressure and Type A Acute Aortic Dissection In-Hospital Outcomes (from the International) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 7	1.6	10
57	Cocaine-related Aortic Dissection: Lessons from the International Registry of Acute Aortic Dissection. American Journal of Medicine, 2014, 127, 878-885.	1.5	61
58	Asymmetric parental genome engineering by Cas9 during mouse meiotic exit. Scientific Reports, 2014, 4, 7621.	3.3	49
59	Inverse correlations between serum ADAMTS13 levels and systolic blood pressure, pulse pressure, and serum C-reactive protein levels observed at a general health examination in a Japanese population: A cross-sectional study. Clinica Chimica Acta, 2013, 421, 147-151.	1.1	6
60	Post-transcriptional activation of PPAR alpha by KLF6 in hepatic steatosis. Journal of Hepatology, 2013, 58, 1000-1006.	3.7	50
61	Takotsubo Cardiomyopathy. Heart Failure Clinics, 2013, 9, 243-247.	2.1	46
62	Biomarkers of aortic diseases. American Heart Journal, 2013, 165, 15-25.	2.7	66
63	Extent of Preoperative False Lumen Thrombosis Does Not Influence Longâ€Term Survival in Patients With Acute Type A Aortic Dissection. Journal of the American Heart Association, 2013, 2, e000112.	3.7	22
64	Stroke and Outcomes in Patients With Acute Type A Aortic Dissection. Circulation, 2013, 128, S175-9.	1.6	120
65	Processed B-Type Natriuretic Peptide Is a Biomarker of Postinterventional Restenosis in Ischemic Heart Disease. Clinical Chemistry, 2013, 59, 1330-1337.	3.2	14
66	Targeting Transforming Growth Factor-Î² Signaling in Aortopathies in Marfan Syndrome. Circulation Journal, 2013, 77, 898-899.	1.6	6
67	Vascular Dysfunction Even After 20 Years in Children Exposed to Passive Smoking. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, 841-842.	2.4	6
68	Type-Selective Benefits of Medications in Treatment of Acute Aortic Dissection (from the International) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.6	185
69	Circulating Transforming Growth Factor-Beta Levels in Acute Aortic Dissection. Journal of the American College of Cardiology, 2011, 58, 775.	2.8	33
70	Biomarker-assisted diagnosis of acute aortic dissection: how far we have come and what to expect. Current Opinion in Cardiology, 2010, 25, 541-545.	1.8	31
71	Mouse Emi2 as a distinctive regulatory hub in second meiotic metaphase. Development (Cambridge), 2010, 137, 3281-3291.	2.5	67
72	Ataxia Telangiectasia Mutated (ATM)-mediated DNA Damage Response in Oxidative Stress-induced Vascular Endothelial Cell Senescence. Journal of Biological Chemistry, 2010, 285, 29662-29670.	3.4	75

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73	Diagnosis of Acute Aortic Dissection by D-Dimer. Circulation, 2009, 119, 2702-2707.	1.6	306
74	Regulation of Transforming Growth Factor-Î²-dependent Cyclooxygenase-2 Expression in Fibroblasts. Journal of Biological Chemistry, 2009, 284, 35861-35871.	3.4	27
75	KrÃ¼ppel-like Factor 5 Shows Proliferation-specific Roles in Vascular Remodeling, Direct Stimulation of Cell Growth, and Inhibition of Apoptosis. Journal of Biological Chemistry, 2009, 284, 9549-9557.	3.4	70
76	Cardiovascular Diagnostic Biomarkers The Past, Present and Future. Circulation Journal, 2009, 73, 806-809.	1.6	21
77	Acyclic retinoid inhibits functional interaction of transcription factors KrÃ¼ppelâ€like factor 5 and retinoic acid receptorâ€alpha. FEBS Letters, 2008, 582, 1755-1760.	2.8	15
78	Promoter Region-Specific Histone Incorporation by the Novel Histone Chaperone ANP32B and DNA-Binding Factor KLF5. Molecular and Cellular Biology, 2008, 28, 1171-1181.	2.3	54
79	Preliminary experience with the smooth muscle troponin-like protein, calponin, as a novel biomarker for diagnosing acute aortic dissection. European Heart Journal, 2008, 29, 1439-1445.	2.2	85
80	Acyclic Retinoid Inhibits Neointima Formation Through Retinoic Acid Receptor Beta-Induced Apoptosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2007, 27, 1535-1541.	2.4	8
81	Functional Interaction between the Transcription Factor KrÃ¼ppel-like Factor 5 and Poly(ADP-ribose) Polymerase-1 in Cardiovascular Apoptosis. Journal of Biological Chemistry, 2007, 282, 9895-9901.	3.4	28
82	Cardiovascular proteomic analysis. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2007, 855, 28-34.	2.3	7
83	Differential serum proteomic analysis in a model of metabolic disease. Biochemical and Biophysical Research Communications, 2006, 351, 965-971.	2.1	17
84	Transcriptional Regulation at the Chromatin Level in the Cardiovasculature Through Protein-protein Interactions and Chemical Modifications. Trends in Cardiovascular Medicine, 2005, 15, 125-129.	4.9	7
85	Vascular Implications of the KruÌˆppel-Like Family of Transcription Factors. Arteriosclerosis, Thrombosis, and Vascular Biology, 2005, 25, 1135-1141.	2.4	111
86	The Deacetylase HDAC1 Negatively Regulates the Cardiovascular Transcription Factor KrÃ¼ppel-like Factor 5 through Direct Interaction. Journal of Biological Chemistry, 2005, 280, 12123-12129.	3.4	59
87	Regulation of Platelet-derived Growth Factor-A Chain by KrÃ¼ppel-like Factor 5. Journal of Biological Chemistry, 2004, 279, 70-76.	3.4	87
88	KLF5/BTEB2, a KrÃ¼ppel-like zinc-finger type transcription factor, mediates smooth muscle cell activation as well as cardiovascular remodeling. International Congress Series, 2004, 1262, 107-110.	0.2	1
89	Neoendothelialization after peripheral blood stem cell transplantation in humans A case report of a Tokaimura nuclear accident victim. Cardiovascular Research, 2003, 58, 487-492.	3.8	46
90	Functional Interaction of the DNA-binding Transcription Factor Sp1 through Its DNA-binding Domain with the Histone Chaperone TAF-I. Journal of Biological Chemistry, 2003, 278, 28758-28764.	3.4	42

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91	Positive and Negative Regulation of the Cardiovascular Transcription Factor KLF5 by p300 and the Oncogenic Regulator SET through Interaction and Acetylation on the DNA-Binding Domain. Molecular and Cellular Biology, 2003, 23, 8528-8541.	2.3	113
92	Regulation of angiogenesis by the aging suppressor gene klotho. Biochemical and Biophysical Research Communications, 2002, 293, 332-337.	2.1	55
93	KrÃ¼ppel-like zinc-finger transcription factor KLF5/BTEB2 is a target for angiotensin II signaling and an essential regulator of cardiovascular remodeling. Nature Medicine, 2002, 8, 856-863.	30.7	362
94	Elevated B-type natriuretic peptide levels after anthracycline administration. American Heart Journal, 1998, 136, 362-363.	2.7	157
95	Mechanisms of Transcriptional Regulation of Gene Expression in Smooth Muscle Cells. Circulation Research, 1998, 82, 1238-1242.	4.5	16
96	Diagnosis of aortic dissection by immunoassay for circulating smooth muscle myosin. Lancet, The, 1995, 345, 191-192.	13.7	45